| je v     |                   |          |         |           |          |          |          |          |            |                             |          |                |         | Application/Control No. |            |              |         |         |          |          |            |                 |                | Applicant(s)/Patent under Reexamination |          |        |          |          |           |   |  |  |  |
|----------|-------------------|----------|---------|-----------|----------|----------|----------|----------|------------|-----------------------------|----------|----------------|---------|-------------------------|------------|--------------|---------|---------|----------|----------|------------|-----------------|----------------|---|----------|--------|----------|----------|-----------|---|--|--|--|
|          |                   |          |         |           |          |          |          |          |            |                             |          |                |         | 10/666,945              |            |              |         |         |          |          |            |                 |                | EICHORN ET AL.                          |          |        |          |          |           |   |  |  |  |
|          |                   |          |         |           |          |          |          |          |            |                             |          |                |         |                         | Examiner   |              |         |         |          |          |            |                 |                |   | Art Unit |        |          |          |           |   |  |  |  |
| ·        |                   |          |         |           |          |          |          |          |            |                             |          |                |         |                         | Hien D. Vu |              |         |         |          |          |            |                 |                |   | 2833     |        |          |          |           |   |  |  |  |
|          | √ Rejected _      |          |         |           |          |          |          |          |            | (Through numer<br>Cancelled |          |                |         |                         | N Non-E    |              |         | lec     | cted     |          | A          | Appeal          |                |   |          |        |          |          |           |   |  |  |  |
|          | = Allowed         |          |         |           |          |          |          | •        | Restricted |                             |          |                |         |                         |            | I Interfe    |         |         | rer      | эпсе     |            | 0               | Objected       |   |          | 1      |          |          |           |   |  |  |  |
| Г        | Claim Date        |          |         |           |          |          |          |          | $\neg$     | Claim                       |          |                |         | Date                    |            |              |         |         |          | Ci       | im         |                 | Date           |   |          | _      |          | 1        |           |   |  |  |  |
|          |                   |          |         | PIII      |          |          |          |          | П          |                             |          |                | T       | ПТ                      |            | П            |         |         | 1        |          | _          | П               | T              | Т                                       | Ť        | Ť      | T        | Τ        | Τ         | , |  |  |  |
| F.       | 0 1               | \$       |         |           |          |          |          | Į.       |            | Final                       | Original |                |         |                         |            |              |         |         |          | Final    | Original   |                 |                | ľ                                       |          |        | ĺ        |          |           |   |  |  |  |
| -        | 4                 | ╀        | +       | ╀         | ╀        | ╀        | ╀        | ╀        | Н          |                             | 51<br>52 | H              | +       | $\mp$                   | Н          | Н            | -       | +       | }        |          | 101<br>102 | П               | 4              | 4                                       | 1        | 7      | Ŧ        | +        |           |   |  |  |  |
|          | 1                 | 1        | #       | 1         | ‡        | 丰        | ‡        | L        | 口          |                             | 53       | H              | 丰       | $^{\pm}$                | Ħ          | 耳            | 士       | ļ       | 1        |          | 103        |                 | #              |   | 1        | 土      | 土        | 士        |           |   |  |  |  |
| ļ        | - 1               | t        | +       | +         | ╁        | ╁        | ╁        | ╁        | Н          |                             | 54<br>55 | ╁┼             | +       | ╀                       | Н          | Н            | +       | ╀       | 1        |          | 104        | $\vdash \vdash$ | +              | +                                       | +        | +      | +        | +        | H         |   |  |  |  |
|          | 1                 | Ţ        | 1       | Ŧ         | Ŧ        | Ŧ        | Ţ        |          | $\Box$     |                             | 56       | П              | 4       | 1                       |            | $\Box$       | #       | T       | 1        |          | 106        |                 | コ              | $\perp$                                 | 1        | 1      | 1        |          |           |   |  |  |  |
| <u> </u> | <del> (P </del> - | t        | +       | +         | +        | ╁        | ╁        | H        | H          | -                           | 57<br>58 | ╁┼             | +       | +                       | $\vdash$   | $\dashv$     | +       | +       | 1        | $\vdash$ | 107        | H               | ╁              | +                                       | ╁        | +      | +        | ╀        | ┝         |   |  |  |  |
|          |                   | Į        | $\perp$ | T         | F        | Ţ        | L        |          |            |                             | 59       | П              | 1       | T                       | П          | $\Box$       | 1       | I       | 1        |          | 109        |                 | 1              |   | #        | 丰      | #        | 上        | İ         |   |  |  |  |
|          |                   | t        | +       | ╁         | 十        | ╁╌       | ╁        | $\vdash$ | Н          | -                           | 60<br>61 | H              | +       | +                       | H          | +            | +       | ╁       | 1        | $\vdash$ | 110        | $\vdash$        | +              | +                                       | +        | +      | +        | +-       | ⊢         |   |  |  |  |
|          | (12) N            | 1        | Ţ       | 1         |          | L        | T        |          |            |                             | 62       |                | 1       | I                       | 口          |              | #       | 丰       | 1        |          | 112        |                 | #              | 1                                       | 士        | $\pm$  |          |          |           |   |  |  |  |
| -        | 13                | ł        | +       | ╁         | ╁        | ╁        | ╁        |          | Н          | -                           | 63<br>64 | ₩              | +       | +-                      | ╁┤         | $\dashv$     | +       | ╁       | 1        |          | 113        |                 | +              | +                                       | +        | +      | ╀        | +        |           |   |  |  |  |
|          | 15                | İ        | 1       | ļ         | 上        | T        | 丰        |          | 口          |                             | 65       | 口              | 1       | 士                       | П          |              | 士       | 士       | 1        |          | 115        |                 | 士              | 1                                       | 士        | 1      | 土        | $\perp$  |           |   |  |  |  |
| -        | 16·               | ŀ        | +       | ╀         | ╁        | ╁        | ╀        | H        | Н          | <u> </u>                    | 66<br>67 | ╂╌╂            | +       | +-                      | ┦┦         | $\dashv$     | +       | ╀       | l        |          | 116<br>117 | $\dashv$        | +              | +                                       | +        | +      | $\perp$  | $\perp$  |           |   |  |  |  |
|          | 18                |          | 士       |           | 1        | t        | İ        |          | $\Box$     |                             | 68       |                |         | 土                       |            | $\exists$    |         | 1       | 1        |          | 118        |                 | $\pm$          | 士                                       | $\pm$    | 士      | 上        |          |           |   |  |  |  |
| _        | 19 A<br>(20)      | Y        | 4       | ╀         | ╀        | ╀        | ╀        | Н        | Н          | -                           | 69<br>70 | Н              | +       | 1                       | Н          | -            | $\perp$ | F       |          | $\Box$   | 119<br>120 | $\neg$          | $\perp$        | 4                                       | Ţ        | Ŧ      | F        | Ŧ        |           |   |  |  |  |
|          | 74                | t        | 1       | 士         | 士        |          | T        |          |            |                             | 71       |                | $\pm$   | $\pm$                   |            |              | $\pm$   | T       |          |          | 121        | $\dashv$        | ╅              | +                                       | +        | +      | +        | +        | Н         |   |  |  |  |
|          | 22                | Ļ        | +       | ╀         | ╀        | ╀        | 1        | Н        | Ц          |                             | 72<br>73 | П              | $\perp$ | 1                       | Н          | $\bot$       | $\bot$  | $\bot$  |          |          | 122        |                 | $\blacksquare$ | 4                                       | Ŧ        | Ŧ      | I        | Г        |           |   |  |  |  |
|          | 1 1 1 V           | V        | 十       | $\dagger$ | t        | t        | t        | Н        | $\dashv$   |                             | 74       | H              | +       | +                       | Н          | $\dashv$     | ╁       | +       | l        | -        | 123<br>124 | $\dashv$        | +              | +                                       | ╁        | +      | ╁        | ╁        | Н         |   |  |  |  |
|          | 25 /<br>26        | 1        | $\bot$  | L         | F        | F        | F        | П        |            |                             | 75<br>76 | $\Box$         | T       | L                       | П          | $\Box$       | T       | I       |          |          | 125        | $\Box$          | #              | 1                                       | 1        | 1      | I        |          |           |   |  |  |  |
|          | 27                | t        | +       | ╁         | t        | ╁        | ╁        | Н        | $\dashv$   | -                           | 77       | $\vdash$       | 十       | ╁                       | Н          | ╅            | ┿       | ╁       |          |          | 126<br>127 | +               | ╫              | +                                       | ┿        | +      | ╁        | ╁        | Н         |   |  |  |  |
|          | 28                | Ĺ        | 1       | T         |          |          | L        | П        |            |                             | 78       |                | #       | 1                       | $\Box$     | コ            | 丰       | 二       |          |          | 128        | $\dashv$        | 丰              | #                                       | #        | 土      | L        |          |           |   |  |  |  |
| _        | 29<br>30          | ┝        | ╁       | ╀         | ┝        | ┢        | $\vdash$ | Н        | $\dashv$   | H                           | 79<br>80 | +              | +       | +                       | Н          | $\dashv$     | ╫       | +       |          |          | 129<br>130 | $\dashv$        | +              | +                                       | ╁        | +      | ╀        | ╀        | Н         |   |  |  |  |
|          | 31                | L        | 丰       |           |          |          |          | Ц        | コ          |                             | 81       |                | 丰       | 丰                       | $\Box$     | 士            | 丰       | $\perp$ |          |          | 131        | #               | $\pm$          |   | 土        | 土      | L        |          |           |   |  |  |  |
| <u> </u> | 32                | H        | +       | ╀         | ┝        | ╀        | ╀        | Н        | $\dashv$   | $\vdash$                    | 82<br>83 | +              | +       | +                       | $\vdash$   | +            | ╫       | ╀       |          |          | 132<br>133 | -               | +              | +                                       | +        | ╀      | +        | H        | Н         |   |  |  |  |
|          | 34                | L        | 土       | L         |          |          | L        | □        |            |                             | 84       |                | 土       | 上                       |            | 士            | 土       | $\perp$ |          |          | 134        |                 | 士              | $\pm$                                   | 士        | $\pm$  | 上        |          |           |   |  |  |  |
| <b>⊢</b> | 35<br>36          | L        | +       | ╀         | ┞        | H        | H        | $\vdash$ | -          |                             | 85<br>86 | $\sqcup$       | +       | $\bot$                  | $\sqcup$   | $\perp$      | +       | $\bot$  |          |          | 135<br>136 | $\perp$         | Ŧ              | ŀ                                       | Ŧ        | $\bot$ | F        | L        | $\Box$    |   |  |  |  |
|          | 37                | H        | 士       | $\perp$   | L        |          |          |          | _          |                             | 87       |                | +       | $\dagger$               |            | $\dagger$    | ╁       | Н       |          |          | 137        | $\dashv$        | +              | +                                       | 十        | +      | ╁        | $\vdash$ | Н         |   |  |  |  |
| -        | 38                | L        | $\bot$  | $\vdash$  | <u> </u> |          | L        | Н        | 7          |                             | 88<br>89 | $\blacksquare$ | $\bot$  | $\bot$                  | $\Box$     | $\dashv$     | $\perp$ | $\Box$  |          |          | 138        | $\Box$          | 1              | 1                                       | T        | Ţ      | L        |          |           |   |  |  |  |
|          | 40                | H        | +-      | t         | H        | ┢        | $\vdash$ | H        | $\dashv$   |                             | 90       | $\dashv$       | +       | +                       | $\vdash$   | ╅            | ╁       | Н       |          |          | 139<br>140 | ╅               | +              | +                                       | +        | ╁      | $\vdash$ | $\vdash$ | Н         |   |  |  |  |
|          | 41                | L        | $\perp$ | L         |          | L        |          | П        | $\exists$  |                             | 91       | $\Box$         | 1       | 1                       | П          | $\dashv$     | 1       | П       |          |          | 141        | 1               | 1              | 1                                       | 1        |        |          |          |           |   |  |  |  |
| -        | 42                | $\vdash$ | +       | $\vdash$  | $\vdash$ | ╁        | $\vdash$ | H        | $\dashv$   | $\vdash$                    | 92<br>93 | +              | +       | +                       | ╁┤         | +            | +       | Н       |          |          | 142<br>143 | +               | +              | +                                       | ╁        | ╀      | ╀        | Н        | Ч         |   |  |  |  |
|          | 44                | L        | I       | 匚         |          |          |          | 口        | $\exists$  |                             | 94       | 丰              | 丰       | 丰                       | Ħ          | $\downarrow$ | 丰       | Ħ       |          |          | 144        | 士               | 1              | #                                       | #        | T      |          |          |           |   |  |  |  |
| <u> </u> | 45<br>46          | H        | ┿       | ╀         | $\vdash$ | $\vdash$ | $\vdash$ | Н        | $\dashv$   |                             | 95<br>98 | +              | +       | +                       | Н          | +            | ╀       | Н       |          |          | 145<br>146 | +               | +              | +                                       | +        | +      | F        | H        | $\dashv$  |   |  |  |  |
|          | 47                |          | 上       | L         |          |          |          | ╚        | $\exists$  |                             | 97       | 士              | $\perp$ | $\pm$                   | 廿          | 土            | 士       | Ħ       |          |          | 147        | 士               | 士              | 士                                       | $\pm$    | 士      | t        | Н        | $\dashv$  |   |  |  |  |
| <u> </u> | 48                | H        | +       | ⊬         | H        | H        | H        | Н        | -          | $\vdash$                    | 98<br>99 | $-\mathbf{I}$  | $\bot$  | 1                       | H          | $\bot$       | $\perp$ | П       |          |          | 148<br>149 | Ŧ               | Ŧ              | Ŧ                                       | Ŧ        | F      | F        | П        | $\square$ |   |  |  |  |
|          | 50                | t        |         |           |          |          |          | ∄        | $\exists$  |                             | 100      | 士              | 1       | ${\mathsf T}$           |            | 士            | 士       | H       | <b> </b> |          | 150        | +               | +              | +                                       | 十        | +      | ╁        | Н        | $\dashv$  |   |  |  |  |
|          |                   |          |         |           |          |          |          |          |            |                             |          |                |         |                         |            |              |         |         |          |          |            |                 | _              |   | _        | _      |          |          | _         |   |  |  |  |